

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of:** Liao et al.

**Application No.** 10/581,570

**Filed:** June 2, 2006

**Confirmation No.** 3622

**For:** PRODUCTION OF 3-  
HYDROXYPROPIONIC ACID USING  
BETA-ALANINE/PYRUVATE  
AMINOTRANSFERASE

**Examiner:** Kagnev H. Gebreyesus

**Art Unit:** 1656

**Attorney Reference No.** 8127-66576-05

**FILED VIA EFS ON  
FEBRUARY 2, 2010**

SUBMITTED VIA ELECTRONIC FILING SYSTEM  
UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER

**Enclosed for filing in the above-referenced application are the following:**

- ☒ In connection with issuance of a patent:
- ☒ Form PTOL-85b
  - ☒ Issue Fee \$1,510.00
  - ☒ Publication Fee \$300.00
  - ☒ \$1,810.00 is being submitted herewith via EFS.
- ☒ The Director is hereby authorized to charge any additional fees that may be required in connection with issuance of a patent, or credit over-payment, to Account No. 02-4550.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

One World Trade Center, Suite 1600  
121 S.W. Salmon Street  
Portland, Oregon 97204  
Telephone: (503) 595-5300  
Facsimile: (503) 595-5301

By /Sheree Lynn Rybak/  
Sheree Lynn Rybak, Ph.D.  
Registration No. 47,913

cc: Docketing